District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	NAPP2304829432
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

				•	•		
1 y 2 ro roxac r speime, 2 ta.			OGRID 371183				
Contact Name Dean D. Ericson			Contact Telephone 432-238-2142				
Contact email dean.ericson@energytransfer.com			Incident #	(assigned by OCD)			
Contact mailing address 600 N. Marienfeld St., Suite 700, Midland, T.			nd, TX 7970	01			
			Locatio	n of R	delease So	ource	
Latitude 32.	1740658				Longitude .	-103.1800056	
			(NAD 83 in 6	decimal de	grees to 5 decim	aal places)	
Site Name	Trunk O-1				Site Type	Pipeline	
Date Release	Discovered	02/14/2023			API# (if app	licable)	
	T	T =					
Unit Letter	Section	Township	Range		Coun	ty	
	32	24S	37E	Lea			
Surface Owne	er: 🛭 State	☐ Federal ☐ T	ribal 🗌 Private	(Name:)
			Nature ar	nd Vo	lume of I	Release	
				ch calcula	tions or specific	justification for the vol	
Crude Oi	1	Volume Releas	ed (bbls)			Volume Recover	ed (bbls)
Produced	l Water	Volume Releas	ed (bbls)			Volume Recover	ed (bbls)
			ation of dissolved >10,000 mg/l?	l chloride	e in the	Yes No	
Condensa	ate	Volume Releas	ed (bbls)			Volume Recover	ed (bbls)
☑ Natural C	Gas	Volume Releas	ed (Mcf) 38.9			Volume Recover	ed (Mcf)
✓ Other (describe) Volume/Weight Released (provide units))	Volume/Weight Recovered (provide units)				
Pipeline Liquids 39.199bbls			40bbls				
Cause of Rel	lease Unkno	wn at this time					

Received by OCD: 4/3/2023 3816:25 PMM State of New Mexico Page 2 Oil Conservation Division

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Incident ID	NAPP2304829432
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible > 25bbls released	sible party consider this a major release?
☑ Yes ☐ No		
100		
If YES, was immediate n	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
Notice given by De	ean D. Ericson to Mike Bratcher o	n 02/16/23 by phone
	Initial Ro	esponse
The responsible	party must undertake the following actions immediatel	unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
☐ The impacted area ha	as been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or d	ikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and	I managed appropriately.
Freestanding liquid has remediation efforts due	d above have <u>not</u> been undertaken, explain verbeen removed by Vac Truck. ETC has to Landowner (NMSLO) requirements religible on-site beginning 02/17/23 to progr	NOT been unable to proceed with initial egarding completed Arc Surveys. A
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.
regulations all operators are public health or the environi failed to adequately investig	required to report and/or file certain release noting ment. The acceptance of a C-141 report by the Capate and remediate contamination that pose a thre	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Dean D. E	Ericson	Title: Sr. Environmental Specialist
Signature: Dean D.	Ericson	Date: 02/16/2023
email: dean.ericson@en	ergytransfer.com	Telephone: 432-238-2142
OCD Only		
Received by:	ocelyn Harimon	Date: 02/17/2023

	Page 3 of 1	19
Incident ID	NAPP2304829432	
District RP		
Facility ID		
Application ID		

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	UNK (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☑ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody	s.

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Incident ID	NAPP2304829432
District RP	
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger					
public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws					
and/or regulations.	responsibility for compilance with any other redeful, state, or rocar laws				
Printed Name: Dean D. Ericson	Title: Sr. Environmental Specialist				
Signature: Dean D. Ericson	Date: <u>040323</u>				
email: dean.ericson@energytransfer.com	Telephone: 432-238-2142				
OCD Only					
Received by:	Date:				

	Page 5 of	19
Incident ID	NAPP2304829432	
District RP		
Facility ID		
Application ID		

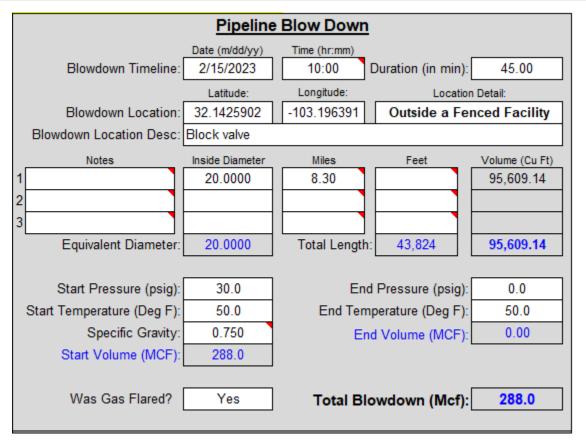
Remediation Plan

Remediation Plan Checklist: Each of the following items must be included	ted in the plan.
 ✓ Detailed description of proposed remediation technique ✓ Scaled sitemap with GPS coordinates showing delineation points ✓ Estimated volume of material to be remediated ✓ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) ✓ Proposed schedule for remediation (note if remediation plan timeline is 	
Deferral Requests Only: Each of the following items must be confirmed	as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around production deconstruction.	on equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health, the en	nvironment, or groundwater.
I hereby certify that the information given above is true and complete to the rules and regulations all operators are required to report and/or file certain which may endanger public health or the environment. The acceptance of liability should their operations have failed to adequately investigate and resurface water, human health or the environment. In addition, OCD acceptaresponsibility for compliance with any other federal, state, or local laws an	release notifications and perform corrective actions for releases a C-141 report by the OCD does not relieve the operator of emediate contamination that pose a threat to groundwater, unce of a C-141 report does not relieve the operator of
Printed Name: Dean D. Ericson Titl	e: Sr. Environmental Specialist
	040323
email: dean.ericson@energytransfer.com Tele	ephone: 432-238-2142
OCD Only	
Received by: Date	:
☐ Approved	val Denied Deferral Approved
Signature: Jennifer Nobili Date:	05/09/2023

Trunk O-1 Volume Calculations

		Liquid Spill	dary Containment with Liner
	Enter Numbers Only		
Length of Spill Area (ft):	80.0	Est. Liquid Vol. (bbls):	-16.49080
Width of Spill Area (ft):	60.0	Porosity Factor (soil type):	Clay
Depth of Spill Area (ft):	1.0	Vol. of Oil Released (bbls):	23.50920
% Oil in Liquid:	60.0	Vol. of Water Released (bbls):	15.67280
Amount Recovd. (bbls):	40.0	Impacted Soil Vol (ft3):	14.815
,			

Gas Release Calc. (Leak, Relief VIv, etc.)			
Hole or Rip/Gouge?:	Hole	Specific Gravity:	0.750
Length (in inches):		Pipeline Diameter:	20.000
Width (in inches):		Equivalent Diameter:	0.250
Diameter (in inches):	0.250	Release Rate (MCF/Hour):	2.3
Pressure (psig):	30.0		
Temperature (Deg F):	50.0	Gas Release (Mcf):	38.9
		•	



2135 S. Loop 250, Midland, Texas 79703 United States www.ghd.com



Our ref: 12606591

March 28, 2023

State of New Mexico Energy, Minerals and Resource Oil Conservation Division District I 1625 N. French Dr. Hobbs. NM 88240

Re: Site Characterization and Soil Remediation Work Plan

ETC Texas Pipeline, Ltd.
Trunk O-1 Release Site
Incident ID: nAPP2304829432
H-32-24S-37E, Lea County, New Mexico

1. Introduction

GHD Services, Inc. (GHD), on behalf of ETC Texas Pipeline, Ltd. (ETCTP) submits this Site Characterization and Soil Remediation Work Plan to the State of New Mexico Energy, Minerals and Resource Oil Conservation Division (OCD) District I Office. This report provides documentation of site characterization and proposed soil remediation activities in the natural gas and pipeline fluids impacted area at the Trunk O-1 Release Site (Site). The Site is located in Unit Letter H Section 32 of Township 24 South and Range 37 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.1740658° N Latitude and 103.1800056° W Longitude. The surface owner of the land where the release occurred is New Mexico State Trust Land. Figure 1 depicts the Site location. The Site and other details are depicted on Figure 2.

2. Background and Regulatory Notification Information

The release is subject to the jurisdiction of the OCD District I Office in Hobbs, New Mexico. Notice was given to the OCD via Notification of Release (NOR) Submission, Action 187455. A C-141 Release Notification for this release was submitted to the OCD on February 16, 2023. The C-141 stated 38.9 Mcf of natural gas and 39.199 barrels (bbls) of other pipeline fluids were released from the pipeline. The OCD assigned the release with Incident Number nAPP2304829432. The cause of the release is unknown. Approximately 40 bbls of pipeline liquids were recovered. The Release Notification, Site Assessment/Characterization, and Remediation Plan portion of Form C-141 are attached to the front of this report.

3. Site Characterization and Closure Criteria

GHD characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, from New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12) (NMAC Table I Closure Criteria).

According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i), the Site is located within an area of low karst potential. No usable groundwater data was available within one-half mile of the Site, however historical data reported a depth to water (DTW) of approximately 140 feet below ground surface (bgs). Therefore, White Drilling, LLC (White) will install a DTW boring near the Site to determine the appropriate Table I Closure Criteria. The boring will be left open for 72 hours, gauged, and subsequently plugged/abandoned. No other receptors (i.e. water wells, playas, wetlands, waterways, lakebeds, or ordinance boundaries) were located within each regulatory specified distance and/or boundary from the Site. Also based on our review, the Site is not located in a mapped floodplain. Documentation of the Site characterization and receptor review are included as Attachment A. Based on the current results of the site characterization, the criteria will default to the less than fifty (50) feet Closure Criteria as DTW is unknown. Once the DTW boring is completed and gauged, the Closure Criteria will be updated, if necessary. The current Closure Criteria are listed below:

General Site Characterization and Groundwater Information:

Site Characterization	Average Groundwater Depth (ft)
No Receptors Found	Unknown, treated as less than fifty (50) feet

Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

Regulatory Standard	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH (GRO+DRO+MRO) (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
19.15.29.13 Restoration, Reclamation and Re- Vegetation (Impacted Area 0-4 feet)	600		100	50	10
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	600		100	50	10

4. Initial Soil Remediation Activities

On February 17, 2023, ETCTP personnel began initial soil excavation activities. A vac truck was used to recover approximately forty (40) bbls of pipeline liquids. The area was scraped to approximately one-half (0.5) foot bgs in the affected area and the soil was disposed of.

5. nAPP2304829432 Proposed Work Plan

GHD, on behalf of ETCTP, proposes to excavate the impacted soils at the Site. An estimated 1,120 cubic yards of soil is expected to be excavated and transported to an OCD approved disposal facility for final disposal. The excavation will be backfilled with non-impacted, locally obtained soil transported to the Site.

Composite confirmation samples will be collected from the bottom of the excavation and the sidewalls of the excavation from areas representing no more than 200 square feet. Discrete soil samples will be collected from the sidewalls if any staining is observed. All confirmation samples will be taken to a certified laboratory and analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA SW846 Method 8021B, total petroleum hydrocarbons (TPH) by EPA SW846 Method 8015B Modified, and chloride by EPA Standard Method 4500CL-B or 300.0.

Areas with surficial overspray impacts will be treated with Micro-Blaze® and allowed time for bioremediation to take effect. Confirmation soil samples will be taken from areas treated with Micro-Blaze® approximately two (2) weeks after treatment. Composite confirmation samples will be collected from the treated areas representing no more than 200 square feet. All confirmation samples will be taken to a certified laboratory and analyzed for BTEX by EPA SW846 Method 8021B, TPH by EPA SW846 Method 8015B Modified, and chloride by EPA Standard Method 4500CL-B or 300.0.

The release area is depicted on Figure 2. The remediation will be performed within 90 days after the Site Characterization and Remediation Work Plan has been approved.

Upon confirmation that all analytical results from the soil remediation activities are below Table I Closure Criteria, a closure report will be submitted to the OCD requesting Site closure.

6. Request of Workplan Approval

GHD, on behalf of ETCTP, requests approval of this Report and the proposed activities within. Upon OCD approval of the proposed activities, GHD and ETCTP will initiate the proposed activities following the completion of the archeological survey of the area. Should the proposed activities not be completed within 90 days following approval, an amended workplan will be prepared and submitted for OCD approval.

If you have any questions or comments concerning this Site Characterization and Soil Remediation Workplan, please do not hesitate to contact our Midland office at (432) 686-0086.

Sincerely,

GHD

Nate Reece

Environmental Scientist

J.T. Murrey

Senior Project Director

Murrey

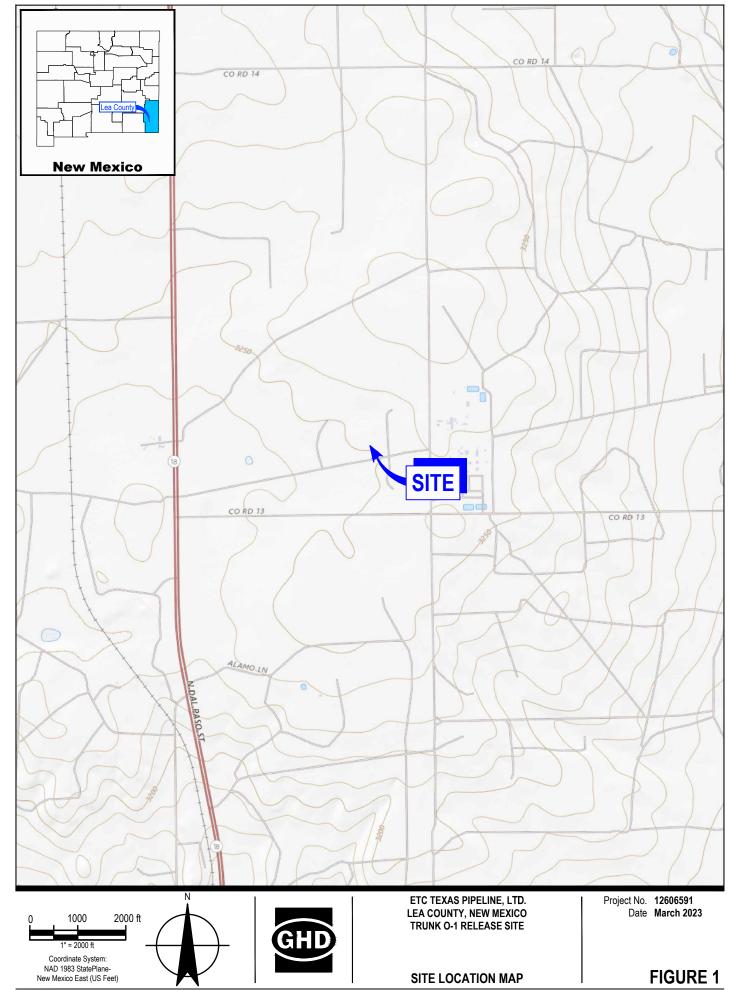
Encl. Figure 1 – Site Location Map

Figure 2 - Release Area Map

Attachment A – Site Characterization/Assessment Documentation

cc: Dean Ericson, ETCTP

Figures



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Received by OCD:

FIGURE 2



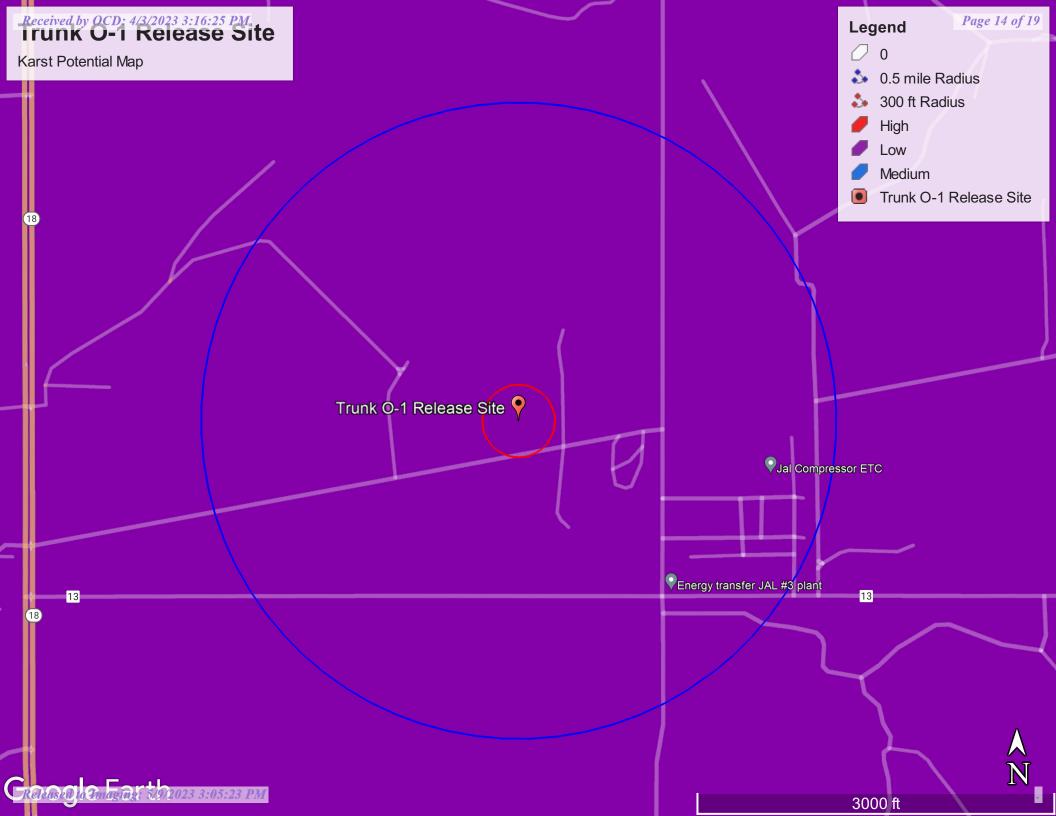
200 ft

Coordinate System: NAD 1983 StatePlane-New Mexico East (US Feet)

TRUNK O-1 RELEASE SITE

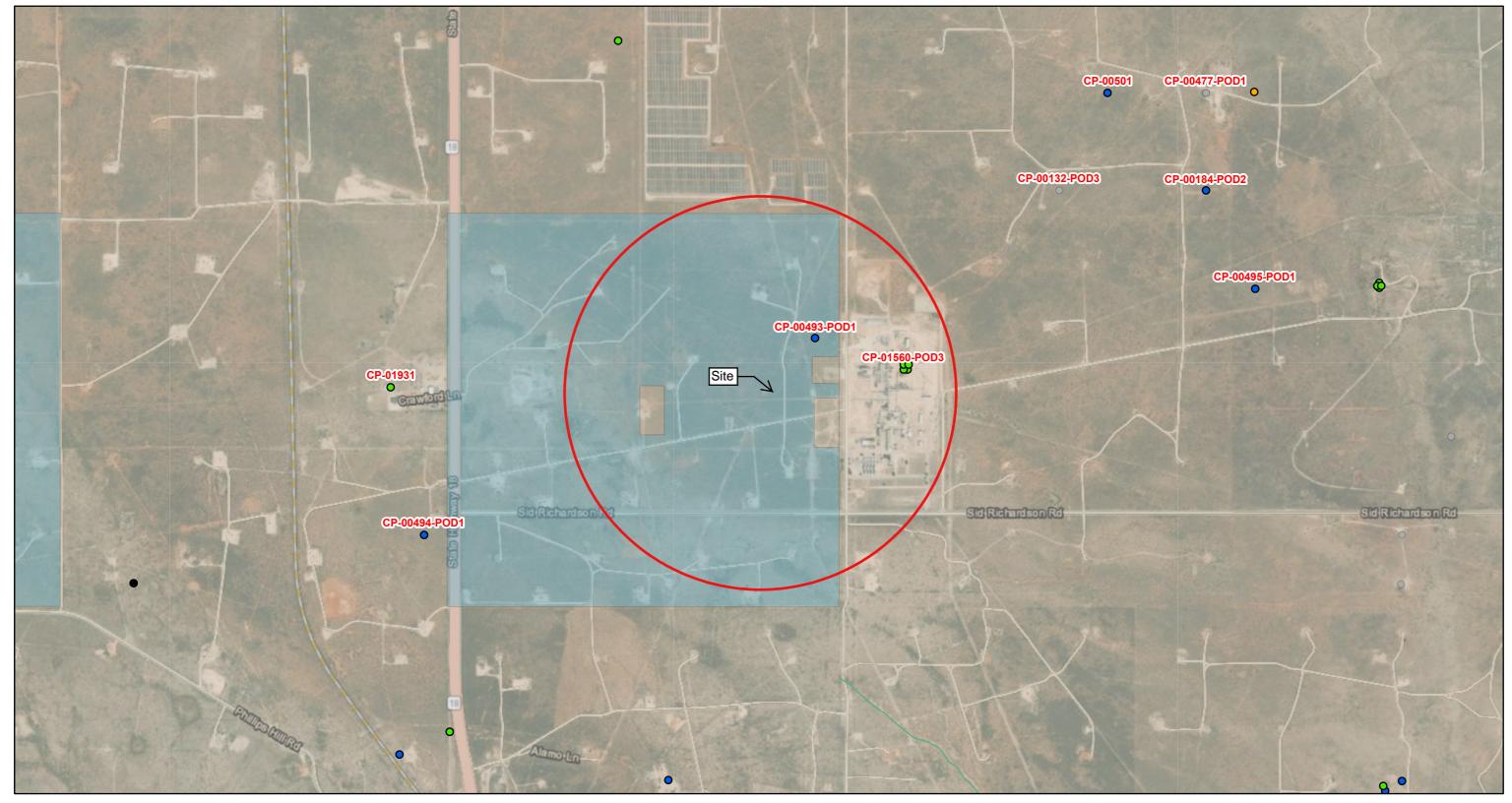
RELEASE AREA MAP

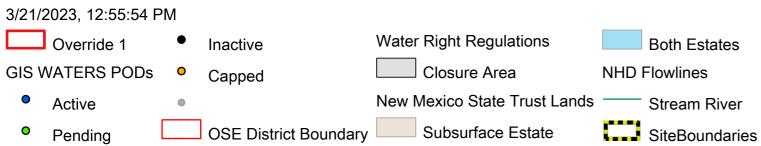
Attachment A Site Characterization Documentation

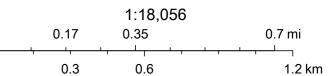


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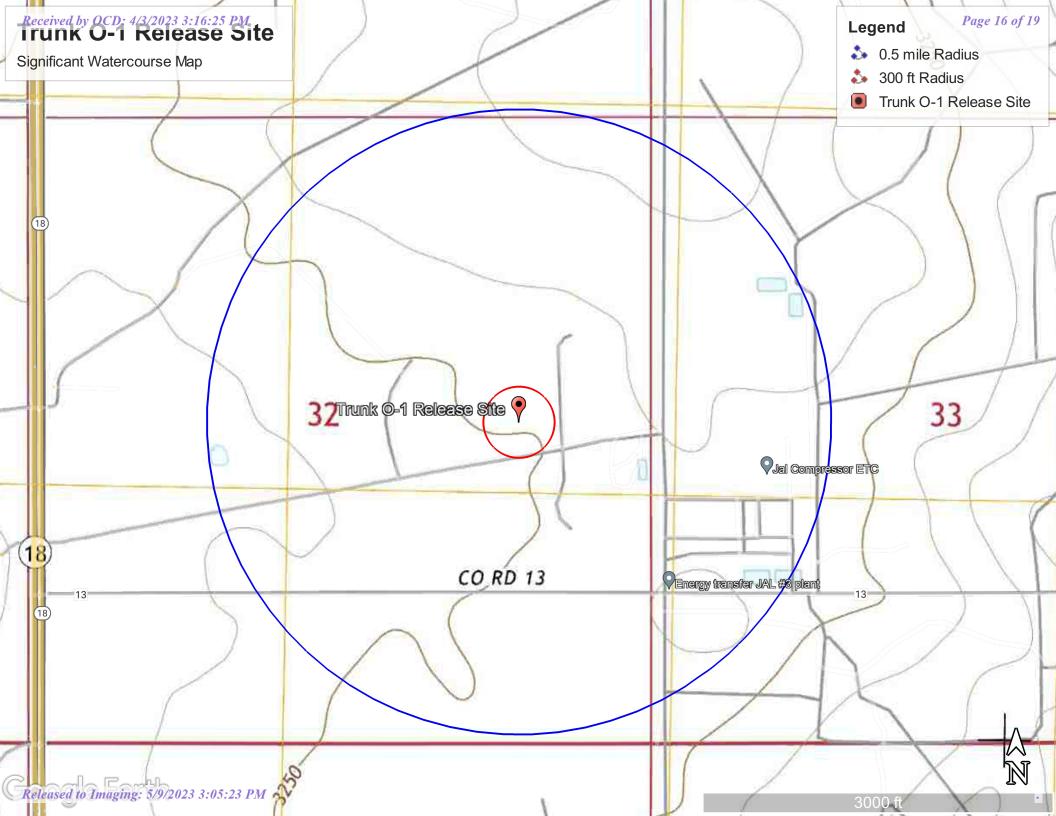
OSE POD Locations Map





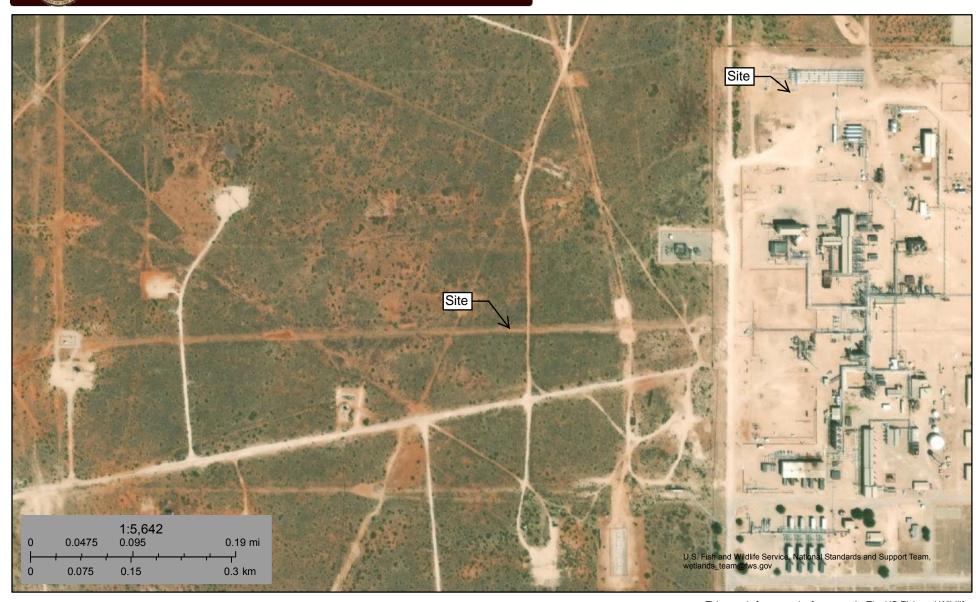


Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar





Wetlands Map



March 21, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Lake

Freshwater Forested/Shrub Wetland

Other

Freshwater Pond



This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

OReleas 240 Imaging: 5/9/2023 3:909:23 PM

National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | IIIIII Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation **Coastal Transect** ₩ 513 W Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary **Coastal Transect Baseline** OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location. This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/21/2023 at 1:51 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



2.000

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

District II

811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 203557

CONDITIONS

Operator:	OGRID:	
ETC Texas Pipeline, Ltd.	371183	
8111 Westchester Drive	Action Number:	
Dallas, TX 75225	203557	
	Action Type:	
	[C-141] Release Corrective Action (C-141)	

CONDITIONS

Created	Condition	Condition
Ву		Date
jnobui	Remediation Plan Approved with Conditions. Sidewall samples from the excavation should be delineated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release, regardless of depth to groundwater.	5/9/2023